

Date: Thu, 2 Sep 93 04:30:21 PDT
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>
Errors-To: Ham-Digital-Errors@UCSD.Edu
Reply-To: Ham-Digital@UCSD.Edu
Precedence: Bulk
Subject: Ham-Digital Digest V93 #27
To: Ham-Digital

Ham-Digital Digest Thu, 2 Sep 93 Volume 93 : Issue 27

Today's Topics:

 Need a Packet Computer?
 Passed test, what do I do now?

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 1 Sep 1993 20:33:36 GMT
From: sdd.hp.com!col.hp.com!news.dtc.hp.com!hpscit.sc.hp.com!hplextra!hpcss01!
hpcuhe!donh@network.ucsd.edu
Subject: Need a Packet Computer?
To: ham-digital@ucsd.edu

Anyone need a computer for Packet? I have two Heath H-89, and one H-8
computersthat I need to get out of my house, wife says OUT! These computers run a
system from a floppy disk. They are NOT compatible with anything else in the
world. If you have some programing experience, or want to get some, this systemis
for you. I have a DOS system and also CPM. I have Basic, Cobol, and
Assembly language assemblers. The H-89's are Z80 based, the H-8 is 8080.
These systems are ideal for a Packet/logging system for someone who wants to
play with software. I have pounds of documentation that will go with the
systems, along with all kinds of software and utilities. The H-89's are
terminals with the CPU built-in. The H-8 is a standalone CPU with expandable
card cage. These systems provided a real learning experience for me, they
are not for everyone, they are not turn-key, but I will let these go CHEAP.
If you got the time, I got the Packet Computer for you. First person gets
a shot at the best software choices.

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*****
*           The opinions expressed are mine, and mine alone           *
*                                                                           *
* WB6LPJ - Cessna 172A N7770T - You can lead a horse to water, but a   *
*                               pencil must be lead.                     *
*****
```

Date: Tue, 31 Aug 93 00:29:22 -0400
From: elroy.jpl.nasa.gov!swrinde!emory!dragon!nj8j!ben@decwrl.dec.com
Subject: Passed test, what do I do now?
To: ham-digital@ucsd.edu

mvp@netcom.com (Mike Van Pelt) writes:

```
> What about baud rates? 1200 baud sounds horribly slow to me since I
> have v.32bis on my computer, but the few people I've talked to say 1200
> baud is The Standard for packet.
```

If you haven't already gotten in touch with other amateur in your area (or with a club), you need to find a local ham who's really into packet. Find out how packet is used in your area. 1200 bps is pretty standard, but some areas are upgrading. In some areas 9600 is used for the backbone, in others, you might find 9600 available as a user access port. Find out what's being done in your area, since that's what you'll be communicating with.

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> What's the modulation for digital?
> It wouldn't happen to be the same as for phone modems, would it?
```

For 1200bps, it's actually an old and virtually obsolete phone modem standard, Bell 202.

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> Could
> I use my regular modem for a TNC?
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Not really. Not only does your modem probably not do Bell 202(it's half-duplex, and Bell 212 modems(which are dirt cheap now) do full duplex, so running Bell 202 on a phone line isn't worth it), packet is a `_synchronous_` protocol, and your modem(not to mention the serial port on your PC) generally expects asynchronous communications. And it's not ordinary synchronous, it's bit-synchronous, with bit stuffing. Suffice it to say that the typical personal modem isn't set up to deal with this.

If you're willing to do a bit of soldering (and are running a PC clone, you can pick up a modem kit for about \$50 that can be used (with the appropriate software, which will handle the bit-stuffing, etc) for

packet. For your first packet setup, I think you're better off spending the \$100-\$120 for a TNC2-clone type TNC(MFJ 1270B, Pac-com Tiny-2, etc).

> (Maybe I'll have my license by Christmas...)

Judging from recent postings about license receipt time, you should get it by Dec 1st.

Ben

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+-----+-----+
| Ben Coleman NJ8J | "All that is not eternal is |
| AX.25: NJ8J@W4QO.#EAL.#ATL.GA.USA.NA | eternally irrelevant." |
| Internet: ben@nj8j.atl.ga.us | C. S. Lewis |
+-----+-----+
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End of Ham-Digital Digest V93 #27
